

Plenary: *Improving the Quality of Life on Earth – Societal Impacts of Human Spaceflight*

Wednesday, October 3, 2012, 09:00-10:00

Successful human space flight missions are enabled by solving difficult health, performance and environmental issues. Many of the challenges of developing new technologies to keep humans safe and productive in space can also benefit the quality of life on Earth. Executives from six space agencies will discuss the successful use of partnerships to develop technologies that have benefits to human space flight and terrestrial applications from the earliest possible stages of technology development. This Plenary will be followed by a Cluster Forum event on the same topic from 10:15-15:00 in the Exhibit Hall that will include presentations, a keynote address by TBD, and an interactive panel session. A light lunch will be provided by Wyle.

Speakers

- William Gerstenmaier, Associate Director, Human Exploration and Operations Mission Directorate, NASA
- Johann-Dietrich Wörner, Chairman of the Executive Board, German Aerospace Center DLR
- Chiaki Mukai, M.D., PhD, Astronaut and Vice Director for Human Space Systems and Utilization Mission Directorate, Japan Aerospace Exploration Agency (JAXA)
- Dr. Anatoli Grigoriev, Russian Federation Institute For Biomedical Problems (IBMP), Russian Space Agency
- Thomas Reiter, Director of Human Spaceflight and Operations, ESA
- Jean-Marc Comtois B.Eng.,MD, Director, Astronauts, Life Science and Space Medicine
- Ms Yinghui Li, Astronaut Center of China, Vice Chief Designer, China National Space Administration (*invited*)

Moderator

Jeffrey R. Davis, MD, Director, Human Health and Performance, NASA